



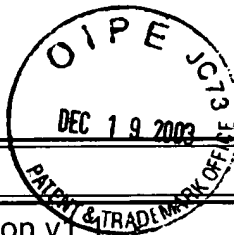
Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 52591  
Application ID: 10604515  
Title of Invention: Use of Distributed Temperature  
Sensors During Wellbore  
Treatments  
First Named Inventor: Virginia Jee  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2003-07-28  
Effective Receipt Date: 2003-12-19  
Submission Type: Information Disclosure  
Statement  
Filing Type:  
Confirmation number: 1514  
Attorney Docket Number: 56.0693




Total Fees Authorized:

Digital Certificate Holder: cn=Thomas O. Mitchell,ou=Registered Attorneys,ou=Patent and  
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: 009e78d2b7bbfb33c78a1a6c20ed08e7dc975b2d

**TRANSMITTAL**

Electronic Version v1.1  
Stylesheet Version v1.1.0

<b>Title of Invention</b>	<b>Use of Distributed Temperature Sensors During Wellbore Treatments</b>								
<p>Application Number: 10/604515 </p> <p>Date: 2003-07-28</p> <p>First Named Applicant: Virginia Jee</p> <p>Confirmation Number: 1514</p> <p>Attorney Docket Number: 56.0693</p>									
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Submitted by:	Elec. Sign.	Sign. Capacity							
Thomas O. Mitchell Registered Number: 47,800	Thomas O. Mitchell	Agent							
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>560693-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>		Documents being submitted	Files	us-ids	560693-usidst.xml		us-ids.dtd		us-ids.xsl
Documents being submitted	Files								
us-ids	560693-usidst.xml								
	us-ids.dtd								
	us-ids.xsl								
<b>Comments</b>									

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

DEC 19 2003

Title of  
Invention

Use of Distributed Temperature Sensors During Wellbore  
Treatments

Application Number: 10/604515



Confirmation Number: 1514

First Named Applicant: Virginia Jee

Attorney Docket Number: 56.0693

Search string: ( 4695389 or 6399546 or 4324669 ).pn.

## US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	4695389	1987-09-22	Kubala		252	8.553
	2	6399546	2002-06-04	Chang et al		507	240
	3	4324669	1982-04-13	Norman et al		252	8.55

Signature

Examiner Name

Date